



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Fenestra-America, LLC
5300 Kings Highway
Brooklyn, NY 11234

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "FA-HC6020 Tilt-Turn" Bronze Clad Inswing Wood Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W07-75, titled "FA-HC6020 Tilt-Turn Wood Casement Wdw.", sheets 1 through 5 of 5, dated 10/05/07, with revision B dated 03/09/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name:

FENESTRA-AMERICA (RN-1)

FENESTRA-AMERICA (PS-1)

Santarcangelo di Romagna (RN), Italy

Fano (PS), Italy

and the following statement: "Miami-Dade County Product Control Approved".

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 08-0714.09 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
9/10/13

NOA No. 13-0701.01
Expiration Date: December 16, 2014
Approval Date: September 19, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-75**, sheets 1 through 5 of 5, titled "FA-HC6020 Tilt-Turn Wood Casement Wdw.", dated 10/05/07, with revision **B** dated 03/09/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of an inswing, tilt-turn wood casement window, prepared by Architectural Testing, Inc., Test Report No. **ATI-55541.04-122-18**, dated 08/17/05, with revision #7 dated 08/04/08, all signed and sealed by Michael D. Stremmel, P.E.
(Submitted under previous NOA# 08-0714.09)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 03/08/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 13-0701.01

Expiration Date: December 16, 2014
Approval Date: September 19, 2013

Fenestra-America, LLC

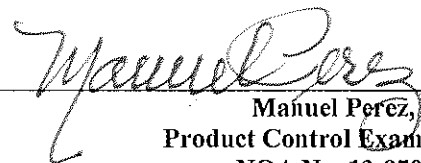
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated March 08, 2012, signed and sealed by Javad Ahmad, P.E.
2. Distributor Agreement document in conformance to BCCO guidelines dated 06/10/09 signed by Elisa Zefferani and Roy Zeluck.
(Submitted under previous NOA# 08-0714.09)

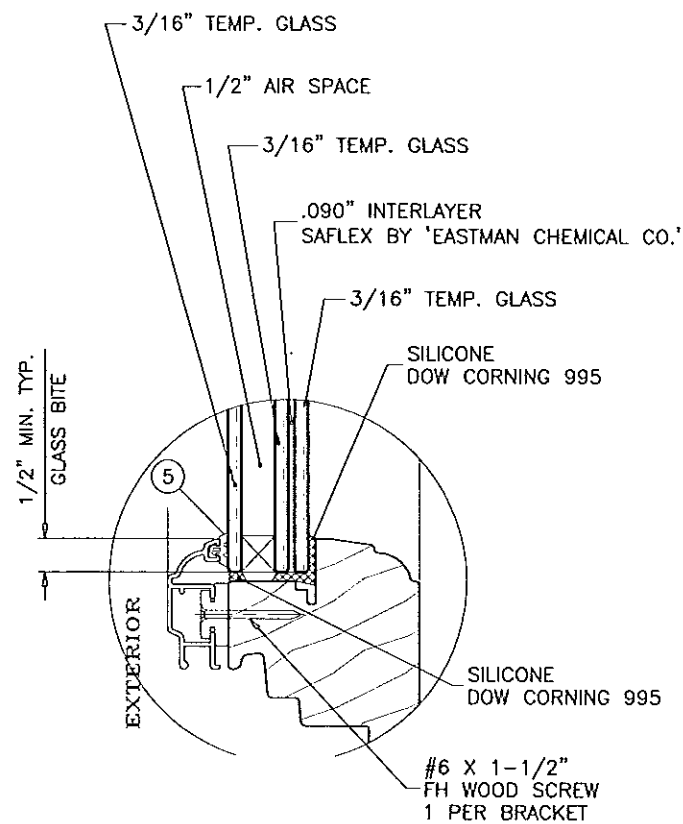
G. OTHER

1. Notice of Acceptance No. **08-0714.09**, issued to Fenestra-America, LLC, for their Series "FA-HC6020 Tilt-Turn" Bronze Clad Inswing Wood Casement Window – L.M.I., approved on 12/16/09 and expiring on 12/16/14.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0701.01

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GLAZING DETAIL

1-1/8" OVERALL
INSULATING LAMINATED GLASS

SERIES FA-HC6020 BRONZE CLAD WOOD OPEN-IN TILT & TURN CASEMENT WINDOW

THESE WINDOWS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, MULLION OR APPROVED PRODUCTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

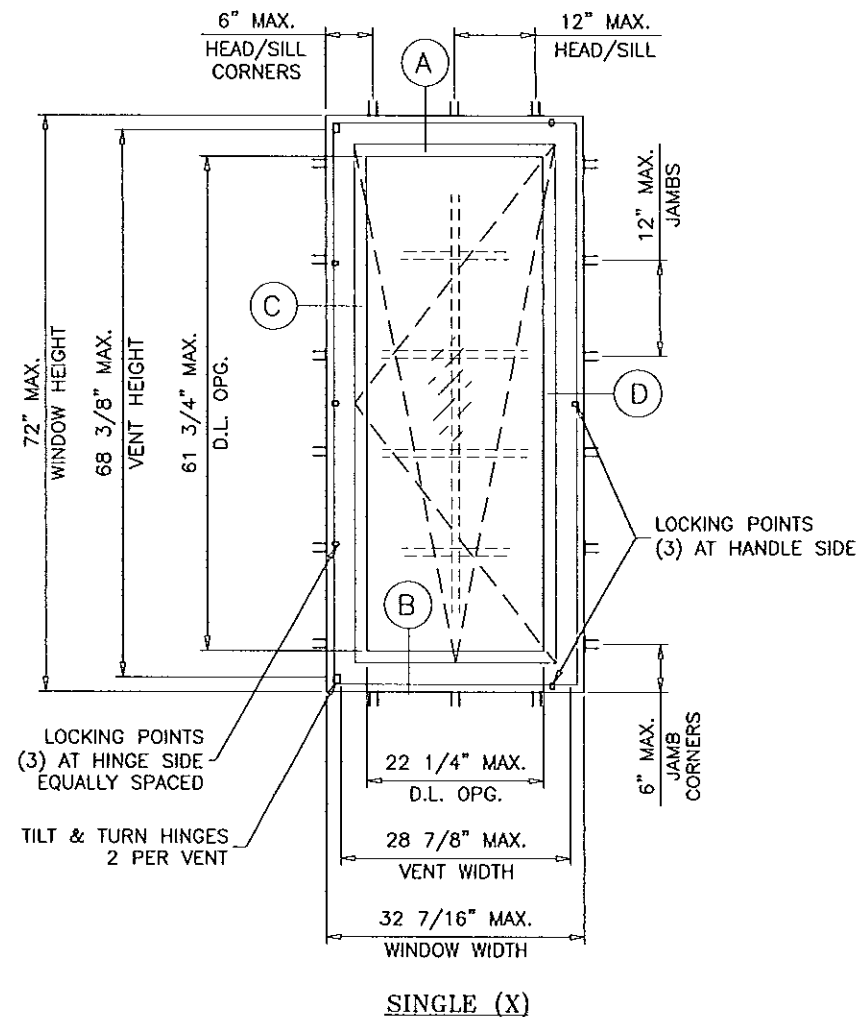
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

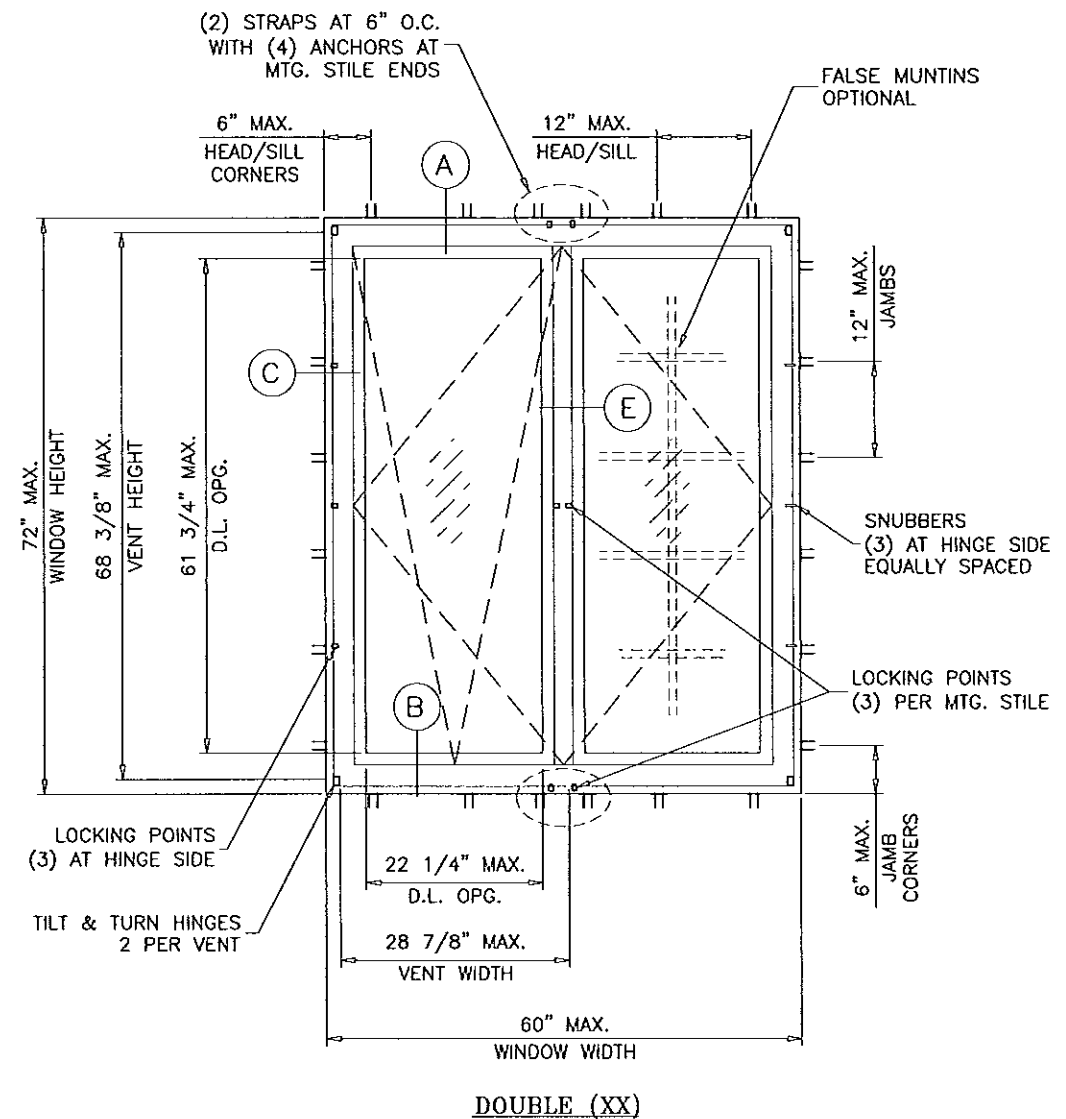
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



SINGLE (X)



DOUBLE (XX)

TYPICAL ELEVATIONS

MAXIMUM DESIGN LOAD RATING = + 55.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 65.0 PSF

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

THE APPROVED PRODUCTS NOTED HEREIN ARE EXEMPT FROM PRESERVATIVE TREATMENT PER 2326.2.1 OF THE FLORIDA BUILDING CODE WHICH EXEMPTS WOOD SPECIES LISTED AS 'DURABLE'. THE SPECIFIC PRODUCTS HEREIN ARE EXEMPTED HONDURAN MAHOGANY-SWietenia macrophylla OR EQUIVALENT SPECIES BASED ON USDA LISTING AND MUST HAVE A SPECIFIC GRAVITY EQUAL TO OR HIGHER THAN THE REFERENCED SPECIES.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

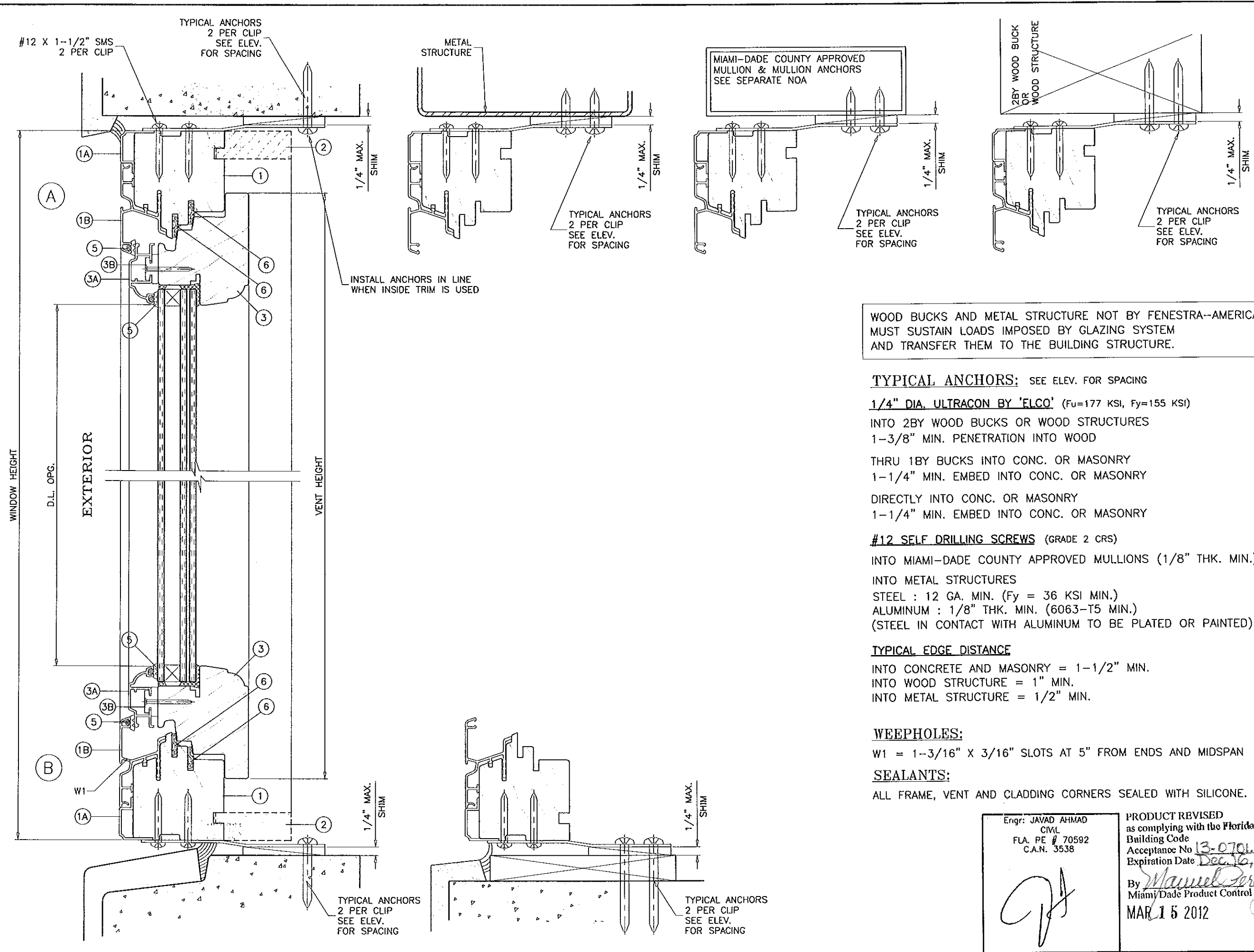
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-070101
Expiration Date Dec 16, 2014
By: *[Signature]*
Miami Dade Product Control

MAR 15 2012

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W07-75FA

FA-HC6020 TILT-TURN WOOD CASEMENT WDW.
FENESTRA-AMERICA
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234
TEL. (718) 251-7387 FAX. (718) 531-2564

revisions:	no	date	by	description
	A	06.30.09		REV. PER BCCO COMMENTS
	B	03.09.12		UPDATED TO 2010 FBC
date:	10-05-07			
scale:	1/2" = 1'-0"			
dr. by:	HAMID			
chk. by:				
drawing no.	W07-75			
sheet	1 of 5			



WOOD BUCKS AND METAL STRUCTURE NOT BY FENESTRA--AMERICA MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#12 SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

WEEPHOLES:
 W1 = 1-3/16" X 3/16" SLOTS AT 5" FROM ENDS AND MIDSPAN

SEALANTS:
 ALL FRAME, VENT AND CLADDING CORNERS SEALED WITH SILICONE.

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-0791.01
 Expiration Date Dec 30, 2014

By *Manuel Perez*
 Miami Dade Product Control
 MAR 15 2012

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-75FA

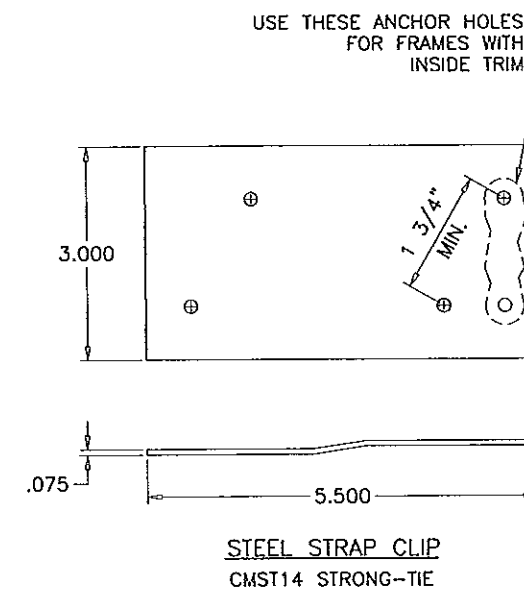
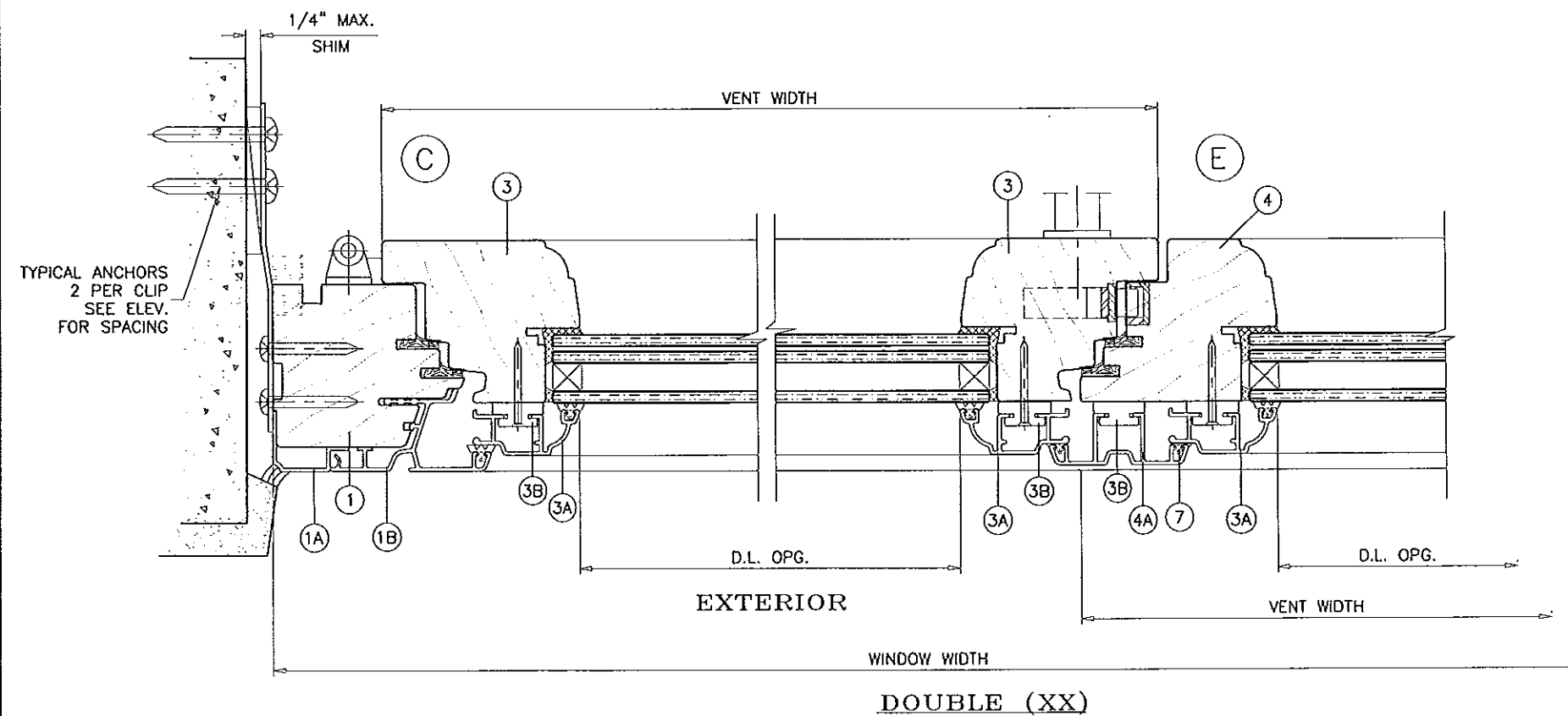
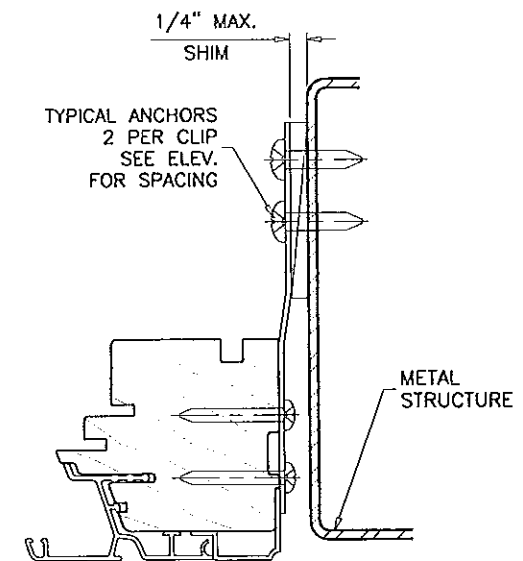
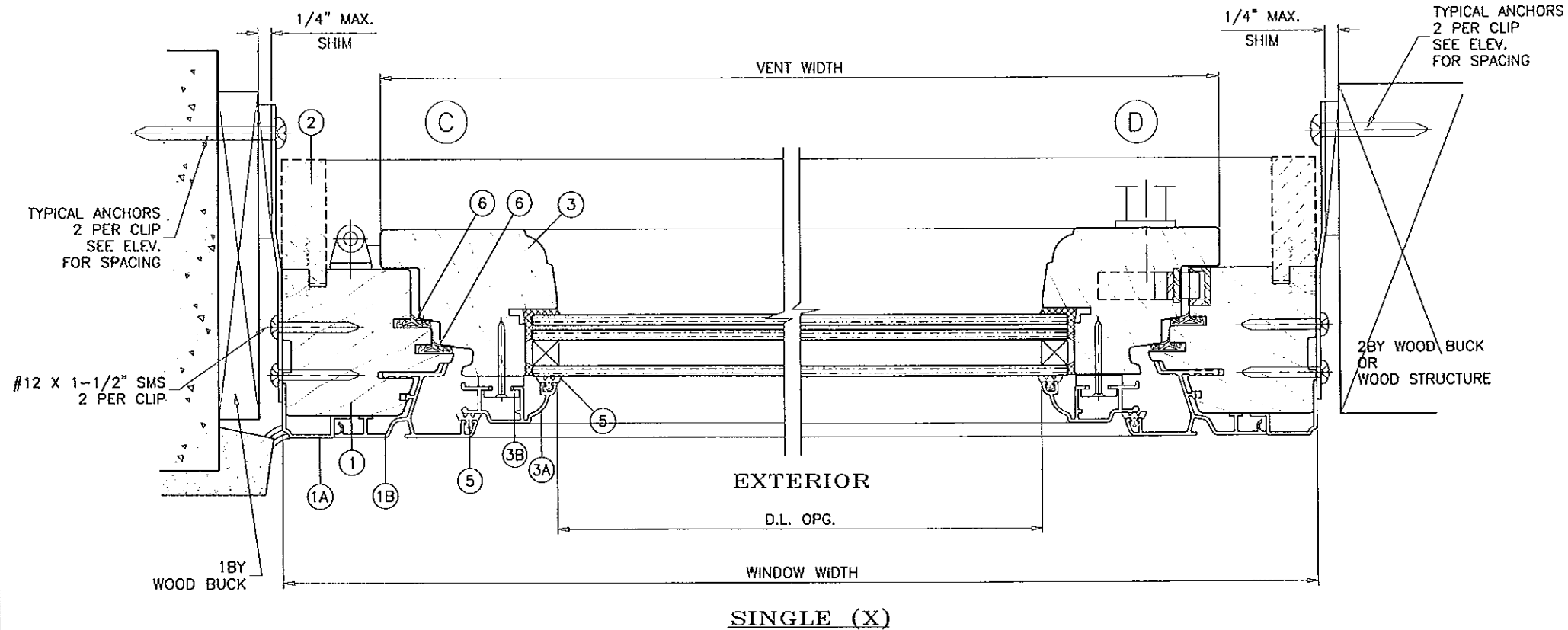
FA-HC6020 TILT-TURN WOOD CASEMENT WDW.

FENESTRA-AMERICA
 5300 KINGS HIGHWAY
 BROOKLYN, N.Y. 11234
 TEL. (718) 251-7387 FAX. (718) 531-2564

no	date	description
A	06.30.09	NO CHANGE THIS SHEET
B	03.09.12	NO CHANGE THIS SHEET

date: 10-05-07
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W07-75
 sheet 2 of 5



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0701.01
Expiration Date Dec. 16, 2014

By *Mamuel Perry*
Miami Made Product Control

MAR 15 2012

af c

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ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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A	06.30.09		NO CHANGE THIS SHEET
B	03.09.12		UPDATED TO 2010 FBC

revisions:

date: 10-08-07
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-75
sheet 3 of 5

ITEM #	REQD.	PART NO.	DESCRIPTION	REMARKS/SUPPLIER
1	4/ WDW.	-	FRAME HEAD/SILL/JAMB (WOOD)	-
1A	4/ WDW.	-	FRAME HEAD/SILL/JAMB CLADDING (BRONZE)	-
1B	4/ WDW.	-	FRAME HEAD/SILL/JAMB CLADDING (BRONZE)	-
2	AS REQD.	-	FRAME INSIDE TRIM HEAD/SILL/JAMB (WOOD)	OPTIONAL
3	4/ VENT	-	VENT MEMBER (WOOD)	-
3A	4/ VENT	-	VENT MEMBER CLADDING (BRONZE)	-
3B	AS REQD.	-	CLADDING BRACKETS (METAL)	4" FROM ENDS & AT MIDSPAN
4	1	-	INACTIVE MEETING STILE (WOOD)	-
4A	1	-	INACTIVE MEETING STILE CLADDING (BRONZE)	-
5	AS REQD.	-	KERF MOUNTED DUAL 3/16" DIA. VINYL FOAM BULB SEAL	-
6	AS REQD.	-	KERF MOUNTED VINYL HOLLOW BULB SEAL	-
7	AS REQD.	-	KERF MOUNTED DUAL 3/16" DIA. VINYL FOAM BULB SEAL	-
8	1	FAIZ202265	SASH SAFETY DEVICE (ZINC CHRMT'D STEEL)	SIEGENIA
9	1	FACB822708	CORNER HINGE 4 2D RH F40 (ZINC CHEMT'D STEEL)	SIEGENIA
10	1	FAGZ802410	CORNER SUPPORT 4 RH (ZINC CHRMT'D STEEL)	SIEGENIA
11	1	FAGZ802533	CORNER SUPPORT 4 RH (ZINC CHRMT'D STEEL)	SIEGENIA
12	1	FAAZ803882	LOCKING GEAR 3/E SZ 3MV (ZINC CHRMT'D STEEL)	SIEGENIA
13	1	FAIZ804377	TENSION BOTTOM (ZINC CHRMT'D STEEL)	SIEGENIA
14	1	FAGZ804681	CORNER DRIVE VSO--E A0138 (ZINC CHRMT'D STEEL)	SIEGENIA
15	1	FAGZ804759	CORNER DRIVE BSO--E SZ .20 (ZINC CHRMT'D STEEL)	SIEGENIA
16	9	FAEZ804933	STRIKER PLATE E A0420 (ZINC CHRMT'D STEEL)	SIEGENIA
17	1	FAIZ805022	LINKAGE SZ .230 MV (ZINC CHRMT'D STEEL)	SIEGENIA
18	1	FAIZ805190	LINKAGE E SZ .0 (ZINC CHRMT'D STEEL)	SIEGENIA
19	1	FAIZ805213	LINKAGE E SZ .2 MV (ZINC CHRMT'D STEEL)	SIEGENIA
20	1	FABZ80503	STAY 1E SZ .35 (ZINC CHRMT'D STEEL)	SIEGENIA
21	1	FAIZ805619	STAY SUPPORT 4 (ZINC CHRMT'D STEEL)	SIEGENIA
22	2	FAEZ807521	STRIKER PLATE E A0420 Z430 (ZINC CHRMT'D STEEL)	SIEGENIA
23	1	FAFZ810637	TILT STRIKER PLATE A0420 Z430 (ZINC CHRMT'D STEEL)	SIEGENIA
24	1	FAIZ811061	ANTI-DRILL PLATE (ZINC CHRMT'D STEEL)	SIEGENIA
25	1	FAIZ811238	STOP A0420 (ZINC CHRMT'D STEEL)	SIEGENIA
26	3	FAEZ811320	STRIKER PLATE A0420 (ZINC CHRMT'D STEEL)	SIEGENIA
27	1	FAIB812457	BAG CLOSING CAP (ZINC CHRMT'D STEEL)	SIEGENIA
28	1	FAEZ815564	STRIKER PLATE A0761 (ZINC CHRMT'D STEEL)	SIEGENIA
29	1	FAIZ817193	STAY SUPPORT BOLT 8 (ZINC CHRMT'D STEEL)	SIEGENIA
30	1	FAIB817520	COVER CAP S 8 RAL8019 (ZINC CHRMT'D STEEL)	SIEGENIA
31	2	FAVZ804853	LOCKING BOLT E 180GRAD (ZINC CHRMT'D STEEL)	SIEGENIA
32	1	FAIB817339	COVER CAP K 1 RAL8019 (ZINC CHRMT'D STEEL)	SIEGENIA
33	2	HAD-4366	MUNTIN TEE (EXTRUDED ALUMINUM 6063-T6)	ZELUCK
34	1	R 12.15 T	WATER BAR (EXTRUDED ALUMINUM 6063-T6)	ZELUCK
35	2	R 12.15 TEC	WATER END CAP (NEOPRENE)	BMP
36	1	F 1153	SASH WEATHERSTRIPPING (NEOPRENE)	BMP
37	1	MDCE Z/445 28X70	WINDOW HANDLE (SOLID BRASS)	-

TYPICAL WOOD-HONDURAS MAHOGANY LUMBER
SPECIFIC GRAVITY = 0.45 MIN.
GRADE = 2 MIN.
MOISTURE CONTENT = 19% MAX.

Engr: JAVAD AHMAD
CIVIL
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[Signature]
MAR 15 2012

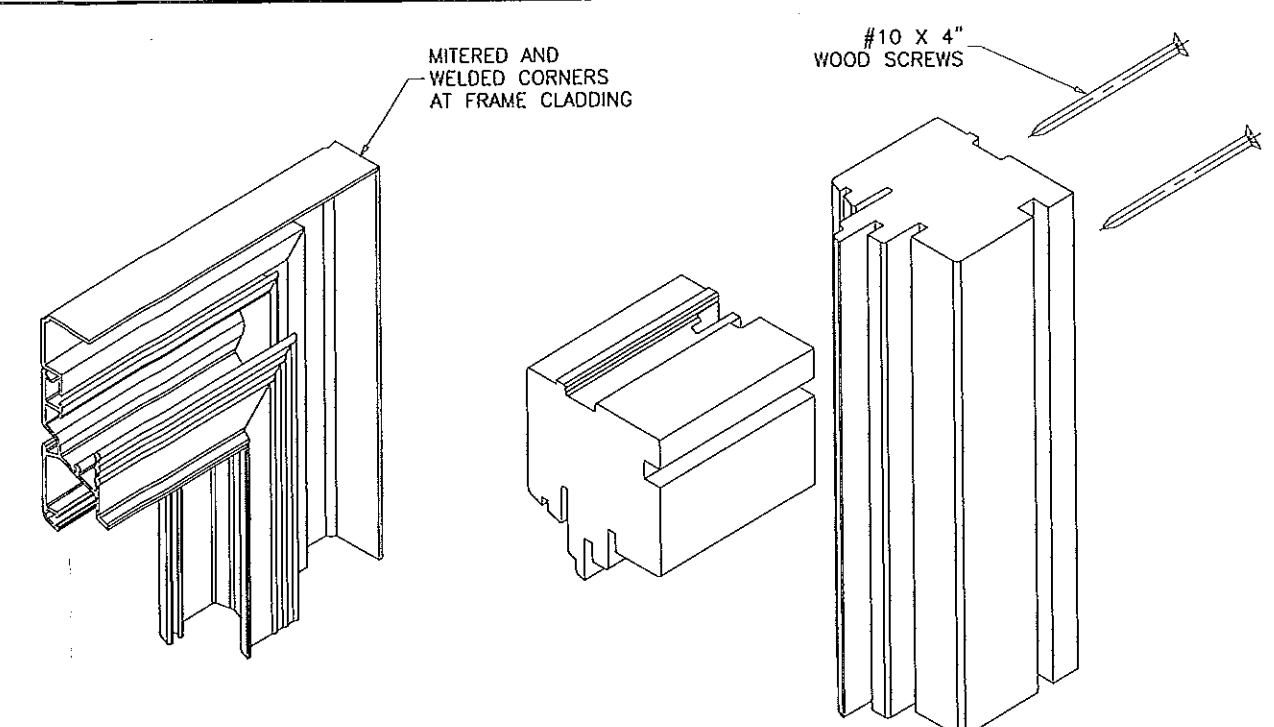
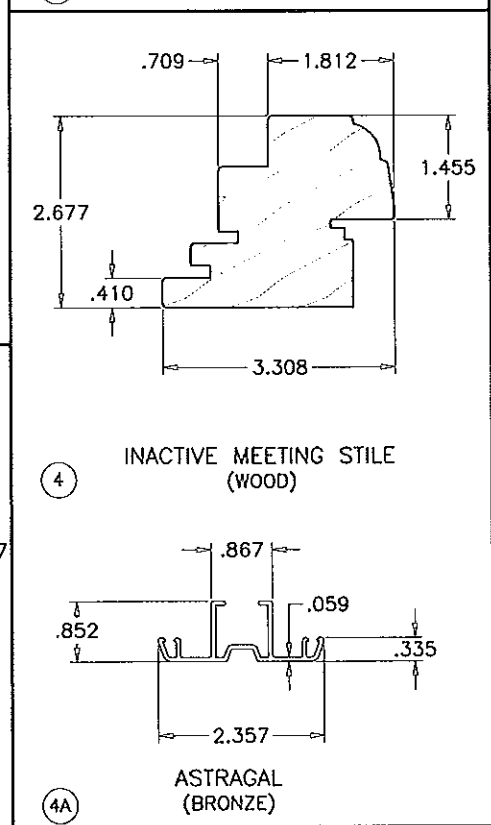
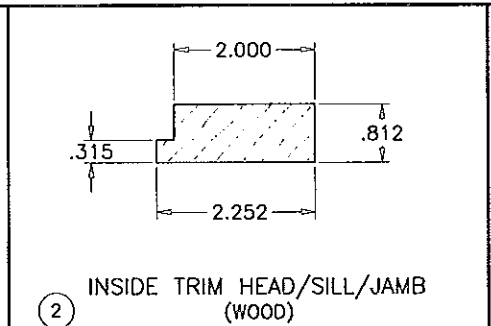
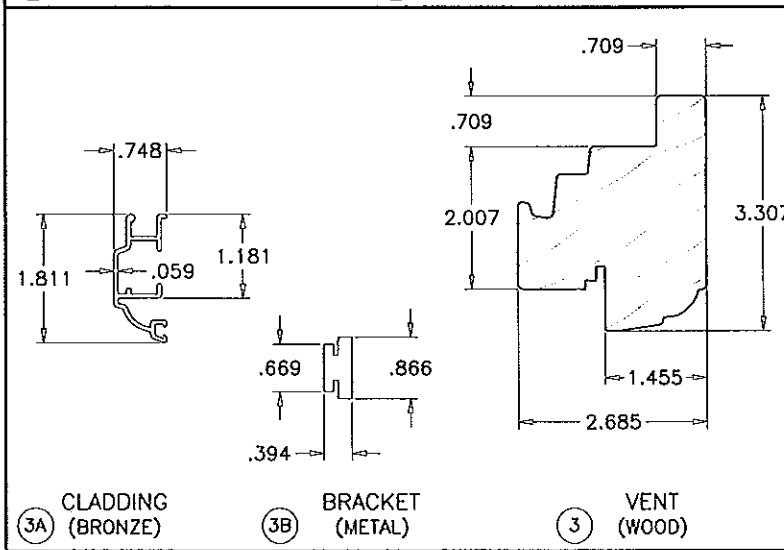
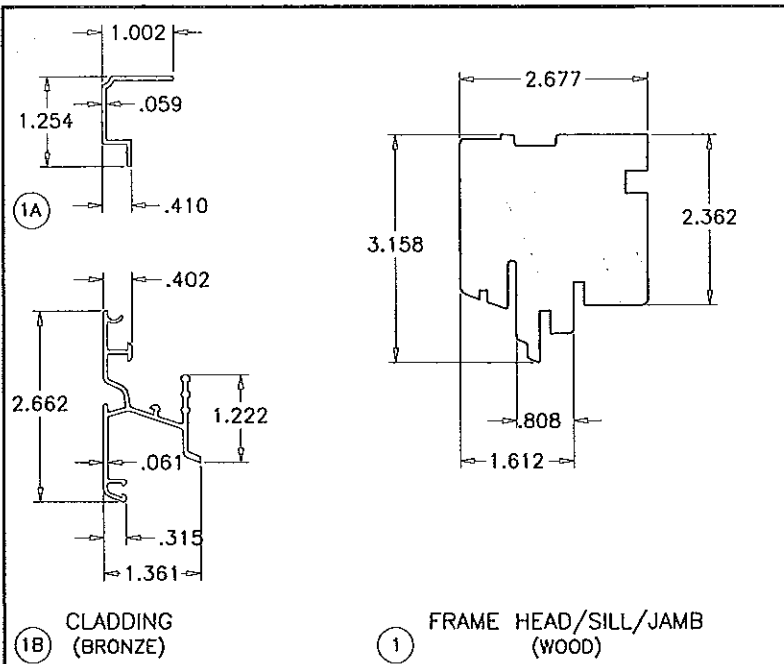
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By *[Signature]*
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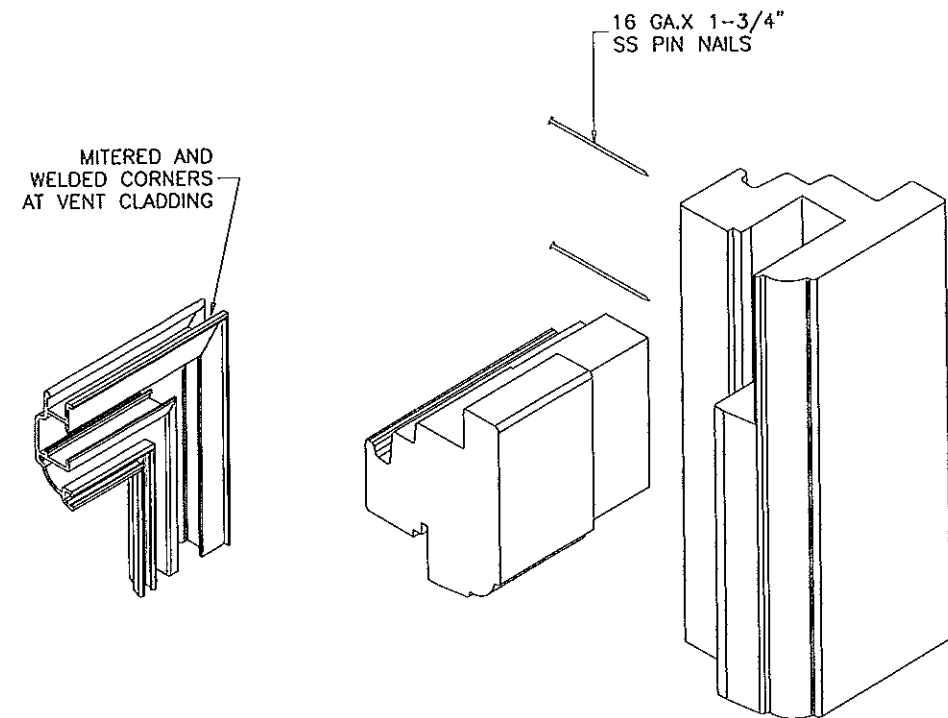
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no	date	no	date
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date: 10-05-07
scale: 3/8" = 1"
dr. by: HAMID
chk. by:
drawing no.
W07-75
sheet 4 of 5



FRAME CORNER



VENT CORNER

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

By *Mamun Bar*
Miami Dade Product Control

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date: 10-05-07

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dr. by: HAMID

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drawing no.
W07-75

sheet 5 of 5